

CAR SHAKERS

A. Original Equipment Manufacturer (OEM)

The following OEM offer noise controls for car shakers. Local dealers should be contacted for availability and further details.

Manufacturer	Retrofit	Foot Pads	Top Attenuator	Muffler	Air Actuated Cushion
Allis Mineral Systems					
Branford Vibrator Company					
General Kinematics					
Hewitt-Robins		X			
Iskco Ltd.					
Kinergy Corporation	X		X	X	
Martin Engineering				X	X
Vibco					
Global Manufacturing				X	
Reynolds					

"X" indicated product availability.

Hewitt-Robins: Foot pads for cars are available separately for about \$2000.

Kinergy Corporation: Top attenuators are standard on most models, but can also be purchased separately for \$2,000 to \$5,000 depending upon the model.

Martin Engineering: Air actuated cushions which eliminate metal-on-metal impact, are available. No price was quoted.

B. Retrofit Noise Controls

- Install a Rotary Dump to replace car shake-out.
- Mount Impact Pads to shaker.
- Purchase a commercially-available operator control booth or fabricate homemade booth. An acoustically-treated enclosure can be constructed from flame-retardant plywood or sheet metal. The structure can be supported by treated lumber posts or angle iron framework. Install safety glass for windows and treat the interior of the booth with fiberglass absorptive material. This material will absorb sound waves that enter the booth and reduce noise reflections.

C. Alternative Technology

Radio remote control systems are now becoming available for a wide range of equipment. The use of radio remote controls, in conjunction with an appropriate exhaust muffler, can offer substantial noise reductions. A partial listing of manufacturers of radio remote control systems are as follows:

Black Box, Incorporate

586 Main Street
Glen Williams, Ontario L7G 3T6
Canada
(905) 873-0141
(905) 877-1809 (fax)

Moog Incorporated—Industrial Division

Electrohydraulic Servocontrols
Department T
East Aurora, New York 14052
(716) 652-2000

Catron, Incorporated

58 West Shenago Street
Sharpsville, Pennsylvania 16150-1198
(412) 962-3571
(412) 962-4310 (fax)

Tunnel Radio of America

33868 Southeast Eastgate Circle
Corvallis, Oregon 97333-2248
(541) 758-5637
(541) 758-1417 (fax)

Futaba Corporation of America

4 Studebaker
Irvine, California 92618
(714) 455-9888

Vectran Corporation

2170 William Pitt Way
Oakmont, Pennsylvania 15139
(412) 826-3100

Joy Mining Machinery

177 Thorn Hill Road
Warrendale, Pennsylvania 15086
(724) 779-4500